

**Innovative CTE Programs Grant  
2007-2008**

**Total first-year award through competitive application under Perkins IV: \$538,056**

*Maricopa Unified School District  
Jack Wallbrecht, CTE Director  
Amount of First Year Award: \$33,925*

Description:

Project Waterworks is a year-long program that will meet daily in collaboration with Global Water Center in Maricopa, Arizona to provide students with training and certification(s) through a Utility Operations Internship program. This will be accomplished through a combination of classroom preparatory activities and problem-based learning situations at Global Water Center's Premier water recycling facility.

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*East Valley Institute of Technology  
Janet Cox, Assistant Superintendent  
Amount of First Year Award: \$270,063*

Description:

East Valley Institute of Technology (EVIT) will offer a Biotechnology Program that is designed to introduce students to different techniques used in biotechnology and genetic engineering through the use of hands-on laboratory training. This course will be offered at EVIT's new state-of-the-art health building and will have a classroom/lab environment which will aid students in developing extensive skills in preparing the materials and using the equipment necessary in research or an industry laboratory setting. This program will infuse two academic models – one an academy model and the other a project-based learning model.

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*Tucson Unified School District  
Kathy Prather, CTE Director  
Amount of First Year Award: \$99,921*

Description:

Project BTL: Developing Biotechnology Leadership in Students was developed by Tucson Unified School District Career and Technical Education to provide advanced studies in biotechnology and bioscience through classroom experience, job shadowing and summer internships with collaborating Biotech industry partners. This collaborative partnership with The University of Arizona College of Science, the Bio5 Institute and Southwest Environmental Health Science Center will increase the student's bioscience content knowledge and hands-on skills in a contextual learning environment.

*Sierra Vista Public Schools*  
*Kriss Hagerl, CTE Director*  
*Amount of First Year Award: \$68,841*

Description:

Sierra Vista Unified School District Career and Technical Education will develop a High School Pre-Engineering Program in partnership with Cochise College that will be combined with pre-existing college preparatory level academics at Buena High School. Along with a structured engineering program introduced at the College, students will be prepared for postsecondary engineering studies and/or high wage, high skilled occupations in the industrialized workforce. The partnership will implement Project Lead the Way (PLTW) and this innovative educational concept will bring multiple partnerships together to improve student learning, increase student retention rates and enhance career placement of participating students.

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*Tolleson Union High School District*  
*Marilyn Keller, CTE Director*  
*Amount of First Year Award: \$65,306*

Description:

Tolleson Union High School District will create a Biomedical/Health Science Academy based on the Project Lead the Way (PLTW) Biomedical Technology curriculum. This wall-to-wall academy will provide an integration of core academic subjects resulting in a complete curriculum of academic and career classes to provide students with many alternative paths in a very broad health care career cluster. The addition of this new Biomedical/Health Science Academy to the existing Sports Medicine Academy would not only develop students' academic and career potential, but also provide opportunity to be part of an industry that has unlimited potential.